INFORMATION DISCLOSURE CITATION PTO-1449				ATTORNEY'S I 03-4010 APPLICANT Jason K. Re FILING DATE Unassigned		APPLICATION N Unassigned GROUP Unassigned	0.
7)			U.S. PATENT C	OCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE
		F	OREIGN PATEN	T.DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE		COUNTRY	CLASS	SUBCLASS	Translation Yes No
					·		
	OTHER DOC	UMENTS ((Including Auth	or, Title, Date, Pe	rtinent Paç	jes, Etc.)	
/M.D./	Power-Saving S May 2000	Support,"	IEEE Trans. On	ance Analysis of Vehicular Tech.,	vol. 49, n	o.3, pp. 1029	9-1040,
/ <u>M.D./</u>	I. Chlamtac, C. communication	Petrioli, and Petrioli, and Petriolical Petriolica Petriolical Pet	and J. Redi, " A at. Conf. On Co	n energy-conserv mm. (ICC97), pp.	ing access 1059-106	s protocol for 32, Montreal,	wireless June 1997
:							
EXAMINER	/Mon Che	ri Davenp	ort/	DATE CONSIDER	RED (06/04/2007	••

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information untess it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO Application Number 10/677,945 SUPPLEMENTAL INFORMATION Filing Date October 2, 2003 **DISCLOSURE** First Named Inventor Jason Keith Redi Art Unit 2616 STATEMENT BY APPLICANT Wellington Chin Examiner Name BBNT-P01-056 Sheet Attorney Docket Number

			U.S. PA	TENT DOCUMENTS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*			MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
/M.D./	AA	US-2002/0067736	06-06-2002	Garcia-Luna-Aceves et al	i i	
	AB	US-2004/0218580	11-04-2004	Bahl et al		
	AC	US-2004/0230638	11-18-2004	Balachandran et al		
ΔV	AD	US-2005/0215280	09-29-2005	Twitchell Jr.		
V	AE	US-2006/0107081	05-18-2006	Krantz et al		

		FOREIG	ON PATENT	DOCUMENTS		_
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	Г
Initials*	No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
						F

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filled after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

			NON PATENT LITERATURE DOCUMENTS	
Examiner Cite No.1			Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Rowson et al, "Everyday Problems and Always-On Radios," Berkeley Wireless Research Cetner, 11 pages		1
	1	СВ	Shah, "Energy Aware Routing for PicoRadio," Berkeley Wireless Research Cetner, 39 pages	
_		СС	Swaneck, "Integrating Passive RF Technology with Cryptographic Communications Protocols," Microchip Technology Inc., 2000, 7 pages	
		CD	Warneke et al, "Ultra-Low Power Communication Logic Circuits for Distributed Sensor Networks," UC Berkeley, 1998, 7 pages	
\		CE	Warneke, "Ultra-Low Power Circuits for Distributed Sensor Networks (Smart Dust)," UC Berkeley, (Print Date: June 15, 2003), p. 1-3	
7	•	CF	Darabi et al, "An Ultra Low Power 900 MHz CMOS Receiver for Wireless Paging," University of California, Los Angeles, May 17, 1998, p. 1-33	П

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	/Mon Cheri Davenport/	Date	06/04/2007	
Signature		Considered	06/04/2007	

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

FEB 0 5 2007 W

PTC/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sut	stitute for form 1449A/B/P	το		Complete if Known		
		, •		Application Number	10/677,945	
SU	PPLEMENTA	L IN	FORMATION	Filing Date	October 2, 2003	
	DISCL	.osu	JRE	First Named Inventor	Jason Keith Redi	
S	TATEMENT	BY A	PPLICANT	Art Unit	N/A	
				Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	BBNT-P01-056	

			U.S. PA	TENT DOCUMENTS			
Examiner Cite Initiats* No.1		Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
/M.D./	AF	US-6,104,708	08-15-2000	Bergamo	1	-	
1	AG	US-6.574.269 B1	06-03-2003	Bergamo			
	AH	US-6,590,889	07-08-2003	Preuss et al			
	AI	US-5,790,946	08/1998	Rotzoll, Robert R.			
	AJ	US-6,473,607	10/2002	Shohara et al			
	AK	US-6,760,584	07/2004	Jou, Yu-Chen			
	AL	US-6,052,779 A	04/2000	Jackson et al			
	AM	US-2003/0066090 A1	04/2003	Traw et al			
	AN	US-2003/0119568 A1	06/2003	Menard, Raymond J.			
	AO	US-6,694,149 B1	02/2004	Ady et al		1	
	AP	US-6,381,467 B1	04/2002	Hill et al		1	
	AQ	US-6,192,230 B1	02/2001	van Bokhorst et al		_1	
	AR	US-6,292,508 B1	09/2001	Hong et al			
	AS	US-6,414,955 B1	07/2002	Clare et al			
	AT	US-5,583,866 A	12/1996	Vook et al			
	AU	US-6,564,074 B2	05/2003	Romans, Christopher Gwyn			
V	AV	US-6,208,247 B1	03/2001	Agre et al		•	

	FOREIGN PATENT DOCUMENTS							
Evaminar	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
Examiner Initials*	No.	Country Code ³ -Number ⁴ -Kind Code ⁶ (If known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
						7		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Down a www.usolo.gog or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Van Dyck et al, "Distributed Sensor Processing Over an Ad Hoc Wireless Network: Simulation Framework and Performance Criteria," Wireless Communications Technologies Group, National Institute of Standards and Technology, Gaithersburg, Maryland; 5 pages	1
$\overline{1}$	СН	Liu et al, "A Bluetooth Scatternet-Route Structure for Multihop Ad Hoc Networks," IEEE Journal on Selected Areas in Communications, 21:2(229-239), February, 2003	
	CI	Liu et al, "Simulation Modeling of Large-Scale Ad-hoc Sensor Networks," European Simulation Interoperability Workshop, Univ. of Westminster, London; June 25-27, 12 pages	
	CJ	Clare et al, "Self-Organizing Distributed Sensor Networks," Rockwell Science Center, Eelectrical Engineering Department, Univ. of California Los Angeles; 9 pages	
V	СК	Doherty, Lance, "Algorithms for Position and Data Recovery in Wireless Sensor Networks," Department of Electrical Engineering and Computer	

Examiner Signature	/Mon Cheri Davenport/	Date Considered	06/04/2007
		0011010100	

PTO/SB/08a/b (07-06)
Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sub	stitute for form 1449A/B	PTO		Complete If Known		
-				Application Number	10/677,945	
SUI	PPLEMENT	AL IN	IFORMATION	Filing Date	October 2, 2003	
	DISC	LOS	JRE	First Named Inventor	Jason Keith Redi	
S			APPLICANT	Art Unit	N/A	
	.,			Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	BBNT-P01-056	

/MDI/	Sciences, Univ. of California at Berkeley; 54 pages	1
7 181-1 2 Hinney		•

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner i	Man Chari Dayannart	Date	06/04/2007
	/Mon Cheri Davenport/		l 06/04/2007 I
Signature		Considered	00/0 //2001

¹Applicant's unique citation designation number (optional), ²Applicant is to place a check mark here if English language Translation is attached.

APR 27 2007 B

PTO/SB/08A/B (09-06) Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete If Known Substitute for form 1449/PTO Application Number 10/677,945 SUPPLEMENTAL INFORMATION Filing Date October 2, 2003 **DISCLOSURE** First Named Inventor Jason Keith Redi STATEMENT BY APPLICANT Art Unit 2661 Examiner Name Not Yet Assigned Attorney Docket Number Sheet 1 of 1 BBNT-P01-056

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
MDAW US-6,745,027-A1 06-01-2004 Twitchell, Jr.						

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
Initiats*	No.1	Country Code ³ -Number ^a -Kind Code ⁸ (if known)	(n) Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ¹ See Kinds Codes of USPTO Patent Documents www.usplo.gov or MPEP 901.04. ¹² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
			-				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	/Mon Cheri Davenport/	Date	
Signature	Thor char Baranpara	Considered	06/04/2007

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

MAY 2 9 2007 W

PTO/SB/08A/B (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO 10/677,945 Application Number SUPPLEMENTAL INFORMATION Filing Date October 2, 2003 **DISCLOSURE** First Named Inventor Jason Keith Redi STATEMENT BY APPLICANT Art Unit N/A Examiner Name Not Yet Assigned Sheet 1 of 1 Attorney Docket Number BBNT-P01-056

U.S. PATENT DOCUMENTS						
Examiner	Cita	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initiats*	tials* No.1 Number-Kind Code ² (#known) MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
/M.U./	AX	US-2006/0229083 A1	10-12-2006	Redi		
l .	AY	US-6,894,975 B1	05-17-2005	Partyka		
	AZ	US-2003/0114204 A1	06-19-2003	Allen et al		
	AA1	US-2002/0147816 A1	10-10-2002	Hlasny		
	AB1	US-2003/0185170 A1	10-02-2003	Allen et al		
	AC1	US-7,110,783 B2	09-19-2006	Bahl et al		
	AD1	US-2005/0059347 A1	03-17-2005	Haartsen		
	AE1	U\$-7,103,344 B2	09-05-2006	Menard		
	AF1	US-6,981,052 B1	12-27-2005	Cheriton		
	AG1	US-2004/0125773 A1	07-01-2004	Wilson et al		
V	AH1	US-2004/0077353 A1	04-22-2004	Mahany		
W	Al1	US-6,058,106	05-02-2000	Cudak et al		

FOREIGN PATENT DOCUMENTS								
Examiner Initiats*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filted after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
			F				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	/Mon Cheri Davenport/	Date Considered	06/06/2007

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.